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Austria

Tel.No.: 00543.1.53424/132  
Fax.No.: 00543.1.53424/228

Request No. TR 169/96  
R 94001306/96  
G \_\_\_\_\_

Date of mailing:

22. Okt. 1996

Applicant:

**THE GENERAL HOSPITAL CORPORATION**

Application / Reference No.  
95/1134

Filing Date **19. September 1995**  
(19.09. 1995)

(Earliest) Priority Date \_\_\_\_\_

Agent:

**DERIS PATENTS AND TRADEMARKS AGENCY LTD.**

Please find enclosed the

- ☒ **SEARCH REPORT**
- ☐ **EXAMINATION REPORT**
- ☐ **COMMENT**

provided by the Austrian Patent Office as Search and Examination Authority according to the Protocol between the Austrian Patent Office and the Turkish Patent Institute.

Best regards

**AUSTRIAN PATENT OFFICE**  
Service and Information  
Sector TRF

**Dr. O. RAFEINER**  
President

Telephone No. 00543/1-53424/150

Enclosures:

- ☒ the search report  
(it is also accompanied by a copy of each prior art document cited in the report)
- ☐ the examination report
- ☐ the comment

**A. CLASSIFICATION OF SUBJECT MATTER**According to the International Patent Classification (IPC<sup>6</sup>) C 12 N 15/09, 15/48, 15/49**B. FIELDS SEARCHED: IPC<sup>6</sup>**

C 12 N 15/09, 15/48, 15/49

Electronic data base consulted during the search (name of data base and, where practicable, search terms used)

WPIL, CAS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 270 171 A (CERCEK et al.) 14 December 1993 (14.12.93), column 34, lines 32-48. --	1,16
X	EP 0 335 635 A1 (THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY) 04 October 1989 (04.10.89), claim 9. --	1,11-16
X	H. KAMIYA et al. Transformation of NIH3T3 Cells with Synthetic c-Ha-ras Genes. JAPANESE JOURNAL OF CANCER RESEARCH, March 1989, Vol. 80, No. 3, pages 200-203, the whole article. -----	1,16

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.**\* Special categories of cited documents:****"A"** document defining the general state of the art which is not considered to be of particular relevance**"E"** earlier document but published on or after the filing date**"L"** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)**"O"** document referring to an oral disclosure, use, exhibition or other means**"P"** document published prior to the filing date but later than the priority date claimed**"T"** later document published after the filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention**"X"** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone**"Y"** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art**"&"** document member of the same patent family

Date of actual completion of the search 10. October 1996 (10.10. 1996)

AUSTRIAN PATENT OFFICE  
Kohlmarkt 8-10, A-1014 VIENNA

Facsimile No. 00543/1-53424/535

Authorized Officer WOLF

Telephone No. 00543/1-53424/133  
00543/1-5337058/



Application / Reference No. 95/1134	Applicant THE GENERAL HOSPITAL CORPORATION
Filing date 19. September 1995 (19.09. 1995)	(Earliest) Priority Date -----

## SEARCH REPORT

### EXPLANATIONS

In US 5 270 171 A a cancer-associated SCM-recognition factor is described. In column 34, lines 32-48 of this document the use of different codons for the same amino acid is proposed.

EP 0 335 635 A1 relates to a mutated HIV envelope protein. According to claim 9 of this specification a codon of the natural gene of an HIV gp 160 encoding DNA is replaced by an other codon.

In Japanese Journal of Cancer Research, Vol. 80, 1989, pages 200-203 synthetic human c-Ha-ras genes in which amino acid codons were altered are disclosed.

In the case of the requested claims 2-10 (not mentioned in the search report) relevant documents have not been retrieved.



# SEARCH REPORT

Information on patent family members

Application / Reference No.  
95/1134

This annex lists the patent family members relating to the patent documents cited in the search report.  
The members are as contained in the EPIDOS INPADOC file.  
The Office is in no way liable for these particulars which are merely given for the purpose of information

Patent document cited in the search report	Publication date	Patent family member(s)	Publication date
US A 5270171	14-12-93	AT E 77390 AU A1 15951/88 AU B2 624071 CA A1 1336404 DE CO 3872235 DE T2 3872235 DK A 6161/88 DK AO 6161/88 EP A1 3357647 EP B1 3357647 FI AO 8942300 FI B 9338333 FI C 9338333 FI AO 8556435 IL AO 8849199 NO AO 8849199 NO A 8849199 NO B 1775966 NO C 1775966 WO A1 8806595 US A 5444367 US A 5516643 JP A1 407451 JP T2 3303763 WO A1 8808662 AU A1 8877791 AU B2 665337 CA AA 2084767 EP A1 3337276 FI A 9335736 FI AO 9335736 IL AO 9845555 JP T2 5509308 NO AO 9348444 NO A 9348444 WO A2 9119736 WO A3 9119736 EP A1 654144 JP T2 8500107 WO A1 9403806	15-07-93 26-09-88 04-06-93 25-07-93 03-07-93 03-12-93 04-11-88 04-11-88 14-07-93 17-06-93 06-09-93 06-09-93 10-09-94 01-08-88 11-08-88 05-11-88 10-07-88 18-10-88 07-09-88 22-08-93 14-05-93 16-01-91 22-08-93 21-09-93 07-01-93 04-01-96 19-12-91 21-04-93 17-12-93 17-12-93 15-07-93 23-12-93 15-12-93 16-03-93 26-12-93 20-03-93 09-01-96 17-02-94
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